

Access DB# 67292  
84

**SEARCH REQUEST FORM**  
**Scientific and Technical Information Center**

Requester's Full Name: Bragdon, Reginald Examiner#: \_\_\_\_\_ Date: 05/22/02  
Art Unit: \_\_\_\_\_ Phone Number: 30 Serial Number: 09/826896  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): Paper Disk E-mail

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

From: Bragdon, Reginald  
Sent: Wednesday, May 22, 2002 1:37 PM  
To: STIC-EIC2100  
Subject: Litigation Search

Please perform a litigation search for reissue 09/826,896 for U.S. Patent 6,145,023.

Please let me know when the search is ready and I will stop by the EIC and pick it up.

Thanks,

Reg

Reginald G. Bragdon  
Primary Examiner  
Art Unit 2186  
TC 2100 SPRE Detailee  
703-305-3823

\*\*\*\*\*  
**STAFF USE ONLY**

Searcher: Irene Heilig  
Searcher Phone: 308-7831  
Searcher Location: PK2-4840  
Date Searcher Picked Up: 05/23/02  
Date Completed: 05/23/02  
Searcher Prep & Review Time: 6  
Clerical Prep Time: \_\_\_\_\_  
Online Time: 15

**Type of search**

NA Sequence (#) \_\_\_\_\_  
AA Sequence (#) \_\_\_\_\_  
Structure (#) \_\_\_\_\_  
Bibliographic \_\_\_\_\_  
Litigation \_\_\_\_\_  
Full Text \_\_\_\_\_  
Patent Family \_\_\_\_\_  
Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_  
Dialog \_\_\_\_\_  
Questel/Orbit 8 min  
Dr. Link \_\_\_\_\_  
Lexis/Nexis 7 min  
Sequence System \_\_\_\_\_  
WWW/Internet \_\_\_\_\_  
Other (specify) \_\_\_\_\_

Source: [All Sources](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)



Terms: **patno=6145023** ([Edit Search](#))

**LEXIS-NEXIS**

Library: **PATENT**

File: **ALL**

*Pat. No. 6145023, \**

**6,145,023**

◆ GET 1st DRAWING SHEET OF 4

Nov. 7, 2000

Information storage and information processing system utilizing state-designating member provided on supporting card surface which produces write-permitting or write-inhibiting signal

**REISSUE:** Reissue Application filed Apr. 6, 2001 (O.G. Jul. 17, 2001) Ex. Gp.: 2181; Re. S.N. 09/826,896

**INVENTOR:** Iwasaki, Hiroshi, Yokohama, Japan

**ASSIGNEE-AT-ISSUE:** Kabushiki Kaisha Toshiba, Kawasaki, Japan (03)

**APPL-NO:** 592,508

**FILED:** Jan. 26, 1996

**CERTCORR:** Jan. 1, 2002 a Certificate of Correction was issued for this patent (O.G. Jan. 22, 2002)

**FOR-PRIOR:**

Feb. 3, 1995 Japan 7-017185

**INT-CL:** [7] G06F 13#12; G11B 23#03

**US-CL:** 710#13; 710#8; 340#870.16; 361#684; 361#737; 455#41; 360#133

**SEARCH-FLD:** 340#870.16; 361#684, 737; 235#492; 455#41; 360#133; 710#13, 8

**PRIM-EXMR:** An, Meng-Ai T.

**ASST-EXMR:** Perveen, Rehana

**LEGAL-REP:** Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.

**CORE TERMS:** conductive, storage, memory, seal, medium, information storage, module, recess, state-designating, external...

Source: [All Sources](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#)

Terms: **patno=6145023** ([Edit Search](#))

View: **Custom** - [Modify](#)

Segments: After-issue, Appl-no, Assign-action, Assign-contact, Assign-date, Assign-frame, Assign-reel, Assignee, Assignor-info, Asst-exmr, At-issue, Certcorr, Date, Exmr, Expiration-date, Filed, For-prior, Govt-int, Int-cl, Inventor, Legal-rep, Lit-reex, Parcase, Patno, Pct-filed, Pct-no, Pct-pub-date, Pct-pub-no, Prim-exmr, Reex-cert, Reissue, Rel-us-data, Search-fld, Sect-102e-date, Sect-371-date, Title, Us-cl

Date/Time: Thursday, May 23, 2002 - 12:01 PM EDT

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**LEXIS-NEXIS**  
Library: PATENT  
File: JNLS

?us6145023/pn

\*\* SS 1: Results 1

Search statement 2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US6145023 A 20001107 [US6145023]

TI - (A) Information storage and information processing system utilizing state-designating member provided on supporting card surface which produces write-permitting or write-inhibiting signal

PA - (A) TOKYO SHIBAURA ELECTRIC CO (JP)

IN - (A) IWASAKI HIROSHI (JP)

AP - US59250896 19960126 [1996US-0592508]

PR - JP1718595 19950203 [1995JP-0017185]

IC - (A) G06F-013/12 G11B-023/03

EC - G11C-007/24

- G11C-008/20

PCL - ORIGINAL (O) : 710013000; CROSS-REFERENCE (X) : 340870160 360133000  
361684000 361737000 455041000 710008000

DT - Corresponding document

CT - US4264917; US4703420; US4837628; US4860127; US4860142; US4882702;  
US4916662; US4943464; US4980856; US5018017; US5036429; US5153818;  
US5172338; US5184282; US5210671; US5226006; US5272374; US5293236;  
US5297029; US5297148; US5299089; US5343319; US5375037; US5388084;  
US5430859; US5438359; US5457590; US5469399; US5475441; US5488433;  
US5508971; US5509018; US5535328; US5539600; US5550709; US5559993;  
US5563825; US5566105; US5568424; US5572466; US5572478; US5584043;  
US5592420; US5596532; US5602987; US5608673; US5611057; US5615344;  
US5621685; US5638321; US5663901; US5671229; US5693570; US5887145;  
EP0214478; EP0588517 A1; EP0708429 A1; DE4322666 A1; JP64-55691;  
JP4-16396; GB818554; GB2208029

- European Patent Office Publication, Patent Abstracts of Japan,  
Publication No. 63137387, dated Jun. 9, 1988.

STG - (A) United States patent

AB - In a small and thin memory module for sharing data among electronic devices such as information processing apparatuses, a write prohibit state can be visually recognized. A conductive seal is attached to a predetermined position on a support member, thereby setting the memory module in the write prohibit state. The conductive seal visually indicates the write prohibit state. When the memory module is mounted in a connector section of a card-shaped holder, connector pins are electrically connected to each other via the conductive seal. Thus, a write prohibit mechanism is realized at low cost.

UP - 2000-44

1/1 LGST - (C) LEGSTAT

PN - US 6145023 [US6145023]

AP - US 592508/96 19960126 [1996US-0592508]

DT - US-P

ACT - 19960126 US/AE-A

APPLICATION DATA (PATENT)

{US 592508/96 19960126 [1996US-0592508]}

- 20001107 US/A

PATENT

- 20010717 US/RF

REISSUE APPLICATION FILED

20010406

- 20020101 US/CC

CERTIFICATE OF CORRECTION

UP - 2002-06

1/1 CRXX - (C) CLAIMS/RRX  
PN - 6,145,023 A 20001107 [US6145023]  
PA - Toshiba Corp JP  
ACT - 20010406 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20010717  
REISSUE REQUEST NUMBER: 09/826896  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2181

Reissue Patent Number:

- 20020122 CERTIFICATE OF CORRECTION

1/2 PAST - (C) Thomson Derwent  
AN - 200204-000143  
PN - 6145023 A [US6145023]  
OG - 2002-01-22  
ACT - CERTIFICATE OF CORRECTION

2/2 PAST - (C) Thomson Derwent  
AN - 200129-001180  
PN - 6145023 A [US6145023]  
OG - 2001-07-17  
ACT - REISSUE APPLICATION FILED

?fam us6145023/pn

1 Patent Groups

\*\* SS 1: Results 14

Search statement 2

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1/14 INPADOC - (C) INPADOC

PN - DE 69614726 C0 20011004 [DE69614726]

TI - DATENSPEICHERANORDNUNG UND DIESE VERWENDENDE  
DATENVERARBEITUNGSANORDNUNG

IN - IWASAKI HIROSHI [JP]

PA - TOSHIBA KAWASAKI KK [JP]

AP - DE 69614726/96-A 19960201 [1996DE-6014726]

PR - JP 17185/95-A 19950203 [1995JP-0017185]

IC - G11C-007/00; G06K-019/073

1/2 LEGALI - (C) LEGSTAT

PN - DE 69614726 [DE69614726]

DT - DE-P

ACTE- 20011004 DE/REF-P

CORRESPONDS TO

(EP 725401 20011004 [EP-725401])

UP - 2001-40

2/2 LEGALI - (C) LEGSTAT

PN - EP 725401 [EP-725401]

AP - EP 96101411/96 19960201 [1996EP-0101411]

DT - EP-P

ACTE- 19960201 EP/AE-A

EP-APPLICATION

{EP 96101411/96 19960201 [1996EP-0101411]}

- 19960807 EP/AK-A2 [+]

DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT:

DE FR GB

- 19960807 EP/A2 [+]

PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT

- 19960807 EP/17P [+]

REQUEST FOR EXAMINATION FILED

960201

- 19971229 EP/AK-A3 [+]

DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:

DE FR GB

- 19971229 EP/A3 [+]

SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)

- 19990915 EP/17Q [+]

FIRST EXAMINATION REPORT

19990802

- 20010704 EP/AH-P

DIVISIONAL APPLICATION (ART. 76) IN:

(EP 1113447 20010704 [EP1113447])

- 20010829 EP/AK-B1 [+]

DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:

DE FR GB

- 20010829 EP/B1 [+]

PATENT SPECIFICATION

- 20011004 EP/REF-P

CORRESPONDS TO:

(DE 69614726 20011004 [DE69614726])

- 20020101 EP/REG; GB/IF02 [+]



GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
<GB>  
- 20020125 EP/EN [-]  
FR: TRANSLATION NOT FILED  
UP - 2002-17

2/14 INPADOC - (C) INPADOC

PN - EP 1113447 A1 20010704 [EP1113447]  
TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING METHOD USING  
THE SAME AND CONNECTOR PIN ASSEMBLY  
LA - ENG  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
AP - EP 1104401/01-A 19960201 [2001EP-1104401]  
PR - EP 96101411/96-A3 19960201 [1996EP-0101411]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
IC - G11C-007/00; G06K-019/073; G11C-007/16  
DS - DE\* FR\* GB\*

1/2 LEGALI - (C) LEGSTAT

PN - EP 1113447 [EP1113447]  
AP - EP 01104401/01 19960201 [2001EP-0104401]  
DT - EP-P  
ACTE- 19960201 EP/AE-A  
EP-APPLICATION  
{EP 01104401/01 19960201 [2001EP-0104401]}  
- 20010704 EP/AC-P  
DIVISIONAL APPLICATION (ART. 76) OF:  
(EP 725401 20010704 [EP-725401])  
- 20010704 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
DE FR GB  
- 20010704 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 20010704 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
20010226  
- 20020313 EP/17Q [+]  
FIRST EXAMINATION REPORT  
20020129  
- 20020327 EP/AKX [+]  
PAYMENT OF DESIGNATION FEES  
DE FR GB  
UP - 2002-13

2/2 LEGALI - (C) LEGSTAT

PN - EP 725401 [EP-725401]  
AP - EP 96101411/96 19960201 [1996EP-0101411]  
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ACTE- 19960201 EP/AE-A  
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- 19960807 EP/AK-A2 [+]  
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DE FR GB  
- 19960807 EP/A2 [+]  
PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT  
- 19960807 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
960201  
- 19971229 EP/AK-A3 [+]  
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DE FR GB  
 - 19971229 EP/A3 [+] SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)  
 - 19990915 EP/17Q [+] FIRST EXAMINATION REPORT  
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 - 20010704 EP/AH-P DIVISIONAL APPLICATION (ART. 76) IN:  
 (EP 1113447 20010704 [EP1113447])  
 - 20010829 EP/AK-B1 [+] DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:  
 DE FR GB  
 - 20010829 EP/B1 [+] PATENT SPECIFICATION  
 - 20011004 EP/REF-P CORRESPONDS TO:  
 (DE 69614726 20011004 [DE69614726])  
 - 20020101 EP/REG; GB/IF02 [+] GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
 <GB>  
 - 20020125 EP/EN [-] FR: TRANSLATION NOT FILED  
 UP - 2002-17

3/14 INPADOC - (C) INPADOC  
 PN - EP 725401 B1 20010829 [EP-725401]  
 TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS  
 USING THE SAME  
 LA - ENG  
 IN - IWASAKI HIROSHI [JP]  
 PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
 AP - EP 96101411/96-A 19960201 [1996EP-0101411]  
 PR - JP 17185/95-A 19950203 [1995JP-0017185]  
 IC - G11C-007/00; G06K-019/073  
 DS - DE\* FR\* GB\*

1/3 LEGALI - (C) LEGSTAT  
 PN - DE 69614726 [DE69614726]  
 DT - DE-P  
 ACTE- 20011004 DE/REF-P  
 CORRESPONDS TO  
 (EP 725401 20011004 [EP-725401])  
 UP - 2001-40

2/3 LEGALI - (C) LEGSTAT  
 PN - EP 1113447 [EP1113447]  
 AP - EP 01104401/01 19960201 [2001EP-0104401]  
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 - 20010704 EP/AK-A1 [+] DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
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 - 20010704 EP/A1 [+] PUBLICATION OF APPLICATION WITH SEARCH REPORT  
 - 20010704 EP/17P [+] REQUEST FOR EXAMINATION FILED  
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- 20020313 EP/17Q [+]
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  - 20020129
- 20020327 EP/AKX [+]
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  - DE FR GB

UP - 2002-13

3/3 LEGALI - (C) LEGSTAT

PN - EP 725401 [EP-725401]

AP - EP 96101411/96 19960201 [1996EP-0101411]

DT - EP-P

ACTE- 19960201 EP/AE-A

EP-APPLICATION

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- 19960807 EP/AK-A2 [+]
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  - DE FR GB
- 19960807 EP/A2 [+]
  - PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT
- 19960807 EP/17P [+]
  - REQUEST FOR EXAMINATION FILED
  - 960201
- 19971229 EP/AK-A3 [+]
  - DESIGNATED CONTRACTING STATES IN A SEARCH REPORT:
  - DE FR GB
- 19971229 EP/A3 [+]
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- 19990915 EP/17Q [+]
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  - 19990802
- 20010704 EP/AH-P
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- 20010829 EP/AK-B1 [+]
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  - DE FR GB
- 20010829 EP/B1 [+]
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- 20011004 EP/REF-P
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  - (DE 69614726 20011004 [DE69614726])
- 20020101 EP/REG; GB/IF02 [+]
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  - <GB>
- 20020125 EP/EN [-]
  - FR: TRANSLATION NOT FILED

UP - 2002-17

4/14 INPADOC - (C) INPADOC

PN - EP 725401 A2 19960807 [EP-725401]

TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS  
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PA - TOKYO SHIBAURA ELECTRIC CO [JP]

AP - EP 96101411/96-A 19960201 [1996EP-0101411]

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IC - G11C-007/00

DS - DE\* FR\* GB\*

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PN - DE 69614726 [DE69614726]  
DT - DE-P  
ACTE- 20011004 DE/REF-P  
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UP - 2001-40

2/3 LEGALI - (C) LEGSTAT

PN - EP 1113447 [EP1113447]  
AP - EP 01104401/01 19960201 [2001EP-0104401]  
DT - EP-P  
ACTE- 19960201 EP/AE-A  
EP-APPLICATION  
{EP 01104401/01 19960201 [2001EP-0104401]}  
- 20010704 EP/AC-P  
DIVISIONAL APPLICATION (ART. 76) OF:  
(EP 725401 20010704 [EP-725401])  
- 20010704 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
DE FR GB  
- 20010704 EP/A1 [+]  
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FIRST EXAMINATION REPORT  
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- 20020327 EP/AKX [+]  
PAYMENT OF DESIGNATION FEES  
DE FR GB  
UP - 2002-13

3/3 LEGALI - (C) LEGSTAT

PN - EP 725401 [EP-725401]  
AP - EP 96101411/96 19960201 [1996EP-0101411]  
DT - EP-P  
ACTE- 19960201 EP/AE-A  
EP-APPLICATION  
{EP 96101411/96 19960201 [1996EP-0101411]}  
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(EP 1113447 20010704 [EP1113447])  
- 20010829 EP/AK-B1 [+]  
DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:  
DE FR GB  
- 20010829 EP/B1 [+]  
PATENT SPECIFICATION

- 20011004 EP/REF-P  
CORRESPONDS TO:  
(DE 69614726 20011004 [DE69614726])  
- 20020101 EP/REG; GB/IF02 [+]  
GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01  
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- 20020125 EP/EN [-]  
FR: TRANSLATION NOT FILED  
UP - 2002-17

5/14 INPADOC - (C) INPADOC  
PN - EP 725401 A3 19971229 [EP-725401]  
TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS  
USING THE SAME  
LA - ENG  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
AP - EP 96101411/96-A 19960201 [1996EP-0101411]  
PR - JP 17185/95-A 19950203 [1995JP-0017185]  
IC - G11C-007/00  
DS - DE\* FR\* GB\*

1/3 LEGALI - (C) LEGSTAT  
PN - DE 69614726 [DE69614726]  
DT - DE-P  
ACTE- 20011004 DE/REF-P  
CORRESPONDS TO  
(EP 725401 20011004 [EP-725401])  
UP - 2001-40

2/3 LEGALI - (C) LEGSTAT  
PN - EP 1113447 [EP1113447]  
AP - EP 01104401/01 19960201 [2001EP-0104401]  
DT - EP-P  
ACTE- 19960201 EP/AE-A  
EP-APPLICATION  
{EP 01104401/01 19960201 [2001EP-0104401]}  
- 20010704 EP/AC-P  
DIVISIONAL APPLICATION (ART. 76) OF:  
(EP 725401 20010704 [EP-725401])  
- 20010704 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:  
DE FR GB  
- 20010704 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
- 20010704 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
20010226  
- 20020313 EP/17Q [+]  
FIRST EXAMINATION REPORT  
20020129  
- 20020327 EP/AKX [+]  
PAYMENT OF DESIGNATION FEES  
DE FR GB  
UP - 2002-13

3/3 LEGALI - (C) LEGSTAT  
PN - EP 725401 [EP-725401]  
AP - EP 96101411/96 19960201 [1996EP-0101411]  
DT - EP-P  
ACTE- 19960201 EP/AE-A  
EP-APPLICATION

{EP 96101411/96 19960201 [1996EP-0101411]}

- 19960807 EP/AK-A2 [+]
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  - DE FR GB
- 19960807 EP/A2 [+]
  - PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT
- 19960807 EP/17P [+]
  - REQUEST FOR EXAMINATION FILED
  - 960201
- 19971229 EP/AK-A3 [+]
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  - DE FR GB
- 19971229 EP/A3 [+]
  - SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93)
- 19990915 EP/17Q [+]
  - FIRST EXAMINATION REPORT
  - 19990802
- 20010704 EP/AH-P
  - DIVISIONAL APPLICATION (ART. 76) IN:
  - (EP 1113447 20010704 [EP1113447])
- 20010829 EP/AK-B1 [+]
  - DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
  - DE FR GB
- 20010829 EP/B1 [+]
  - PATENT SPECIFICATION
- 20011004 EP/REF-P
  - CORRESPONDS TO:
  - (DE 69614726 20011004 [DE69614726])
- 20020101 EP/REG; GB/IF02 [+]
  - GB: EUROPEAN PATENT IN FORCE AS OF 2002-01-01
  - <GB>
- 20020125 EP/EN [-]
  - FR: TRANSLATION NOT FILED

UP - 2002-17

6/14 INPADOC - (C) INPADOC

- PN - JP 8212017 A2 19960820 [JP08212017]
- TI - INFORMATION STORAGE DEVICE AND PROCESSOR USING SAME
- IN - IWASAKI HIROSHI
- PA - TOKYO SHIBAURA ELECTRIC CO
- AP - JP 17185/95-A 19950203 [1995JP-0017185]
- PR - JP 17185/95-A 19950203 [1995JP-0017185]
- IC - G06F-003/06

7/14 INPADOC - (C) INPADOC

- PN - KR 232940 B1 20000115 [KR-232940]
- TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS USING THE SAME
- IN - IWASAKI HIROSHI [JP]
- PA - TOKYO SHIBAURA ELECTRIC CO [JP]
- AP - KR 9602507/96-A 19960202 [1996KR-0002507]
- PR - JP 17185/95-A 19950203 [1995JP-0017185]
- IC - G11B-020/04

8/14 INPADOC - (C) INPADOC

- PN - SG 35490 A1 19970201 [SG--35490]
- TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS USING THE SAME
- IN - IWASAKI HIROSHI
- PA - TOKYO SHIBAURA ELECTRIC CO
- AP - SG 9600583/96-A 19960129 [1996SG-0000583]

PR - SG 9600583/96-A 19960129 [1996SG-0000583]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
IC - G09G-003/00; G11C-007/00

9/14 INPADOC - (C) INPADOC

PN - TW 440822 B 20010616 [TW-440822]  
TI - INFORMATION MEMORIZATION APPARATUS AND INFORMATION PROCESSING  
APPARATUS USING THIS MEMORIZATION APPARATUS  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
AP - TW 85100823/96-A 19960124 [1996TW-0100823]  
PR - JP 17185/95-A 19950203 [1995JP-0017185]  
IC - G11B-023/28

10/14 INPADOC - (C) INPADOC

PN - US 6094697 A 20000725 [US6094697]  
TI - INFORMATION PROCESSING SYSTEM INCLUDING PROCESSING DEVICE FOR  
DETECTING NON-CONDUCTIVITY OF STATE-INDICATING NON-CONDUCTIVE MEMBER  
AND DISCRIMINATING PROHIBIT STATE OF WRITING INFORMATION TO  
INFORMATION WRITABLE STORAGE MEDIUM  
IN - IWASAKI HIROSHI [JP]  
PA - KABUHIKI KAISHA TOSHIBA [JP]  
AP - US 143739/98-A 19980828 [1998US-0143739]  
PR - US 143739/98-A 19980828 [1998US-0143739]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
- US 592508/96-A1 19960126 [1996US-0592508]  
IC - G06F-012/14; G06F-012/16

1/1 LEGALI - (C) LEGSTAT

PN - US 6094697 [US6094697]  
AP - US 143739/98 19980828 [1998US-0143739]  
DT - US-P  
ACTE- 19980828 US/AE-A  
APPLICATION DATA (PATENT)  
{US 143739/98 19980828 [1998US-0143739]}  
- 20000725 US/A  
PATENT  
UP - 2000-34

11/14 INPADOC - (C) INPADOC

PN - US 6145023 A 20001107 [US6145023]  
TI - INFORMATION STORAGE AND INFORMATION PROCESSING SYSTEM UTILIZING  
STATE-DESIGNATING MEMBER PROVIDED ON SUPPORTING CARD SURFACE WHICH  
PRODUCES WRITE-PERMITTING OR WRITE-INHIBITING SIGNAL  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
AP - US 592508/96-A 19960126 [1996US-0592508]  
PR - JP 17185/95-A 19950203 [1995JP-0017185]  
IC - G06F-013/12; G11B-023/03

1/1 LEGALI - (C) LEGSTAT

PN - US 6145023 [US6145023]  
AP - US 592508/96 19960126 [1996US-0592508]  
DT - US-P  
ACTE- 19960126 US/AE-A  
APPLICATION DATA (PATENT)  
{US 592508/96 19960126 [1996US-0592508]}  
- 20001107 US/A  
PATENT

- 20010717 US/RF  
REISSUE APPLICATION FILED  
20010406  
- 20020101 US/CC  
CERTIFICATE OF CORRECTION  
UP - 2002-06

12/14 INPADOC - (C) INPADOC

PN - US 2001005291 AA 20010628 [US20010005291]  
TI - INFORMATION STORAGE APPARATUS AND INFORMATION PROCESSING APPARATUS  
USING THE SAME  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [US]  
AP - US 769314/01-A 20010126 [2001US-0769314]  
PR - US 769314/01-A 20010126 [2001US-0769314]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
- US 658189/00-A3 20000908 [2000US-0658189]  
- US 372678/99-A3 19990812 [1999US-0372678]  
- US 143839/98-A3 19980831 [1998US-0143839]  
- US 592508/96-A3 19960126 [1996US-0592508]  
IC - G11B-005/027; G11B-023/033; G11B-023/087

1/1 LEGALI - (C) LEGSTAT

PN - US 2001005291 [US20010005291]  
AP - US 769314/01 20010126 [2001US-0769314]  
DT - US-P  
ACTE- 20010126 US/AE-A  
APPLICATION DATA (PATENT)  
{US 769314/01 20010126 [2001US-0769314]}  
- 20010628 US/A1A1  
PATENT APPLICATION PUBLICATION (PRE-GRANT)  
UP - 2001-29

13/14 INPADOC - (C) INPADOC

PN - US 6292850 BA 20010918 [US6292850]  
TI - INFORMATION STORAGE SYSTEM INCLUDING STATE-DESIGNATING AREA ON MEMORY  
CARD AND DETECTING PRESENCE OR ABSENCE OF STATE-DESIGNATING MEMBER ON  
STATE-DESIGNATING AREA TO INHIBIT OR ALLOW WRITING OF INFORMATION  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [US]  
AP - US 372678/99-A 19990812 [1999US-0372678]  
PR - US 372678/99-A 19990812 [1999US-0372678]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
- US 143739/98-A3 19980828 [1998US-0143739]  
- US 592508/96-A3 19960126 [1996US-0592508]  
IC - G06F-013/14; G06F-013/38

1/1 LEGALI - (C) LEGSTAT

PN - US 6292850 [US6292850]  
AP - US 372678/99 19990812 [1999US-0372678]  
DT - US-P  
ACTE- 19990812 US/AE-A  
APPLICATION DATA (PATENT)  
{US 372678/99 19990812 [1999US-0372678]}  
- 20010918 US/BA  
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)  
UP - 2001-40

14/14 INPADOC - (C) INPADOC



PN - US 6338104 BA 20020108 [US6338104]  
TI - SYSTEM INCLUDING SINGLE CONNECTOR PIN SUPPORTER HAVING TWO SEPARATE  
PLURALITY OF CONNECTOR PINS WITH ONE SET OF PINS CONTACTING STATE  
DESIGNATING PORTION OF MEMORY CARD INDICATING WRITE PROHIBIT STATE  
IN - IWASAKI HIROSHI [JP]  
PA - TOKYO SHIBAURA ELECTRIC CO [JP]  
AP - US 658189/00-A 20000908 [2000US-0658189]  
PR - US 658189/00-A 20000908 [2000US-0658189]  
- JP 17185/95-A 19950203 [1995JP-0017185]  
- US 372678/99-A3 19990812 [1999US-0372678]  
- US 143739/98-A3 19980828 [1998US-0143739]  
- US 592508/96-A3 19960126 [1996US-0592508]  
IC - G06F-013/14; G06F-013/16

1/1 LEGALI - (C) LEGSTAT

PN - US 6338104 [US6338104]  
AP - US 658189/00 20000908 [2000US-0658189]  
DT - US-P  
ACTE- 20000908 US/AE-A  
APPLICATION DATA (PATENT)  
{US 658189/00 20000908 [2000US-0658189]}  
- 20020108 US/BA  
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)  
UP - 2002-05